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## [What Is Claimed Is]

- A microorganism producing 5'-xanthylic acid, which is a mutant strain of
  Corynebacterium ammoniagenes and characterized by having a resistance to 5 fluorotryptophan.
  - 2. A microorganism according to claim 1 wherein said microorganism is *Corynebacterium ammoniagenes* CJXFT 0301 (Accession Number: KCCM-10530).

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3. A method of producing 5'-xanthylic acid, characterized by using the microorganism of claim 1 or claim 2.